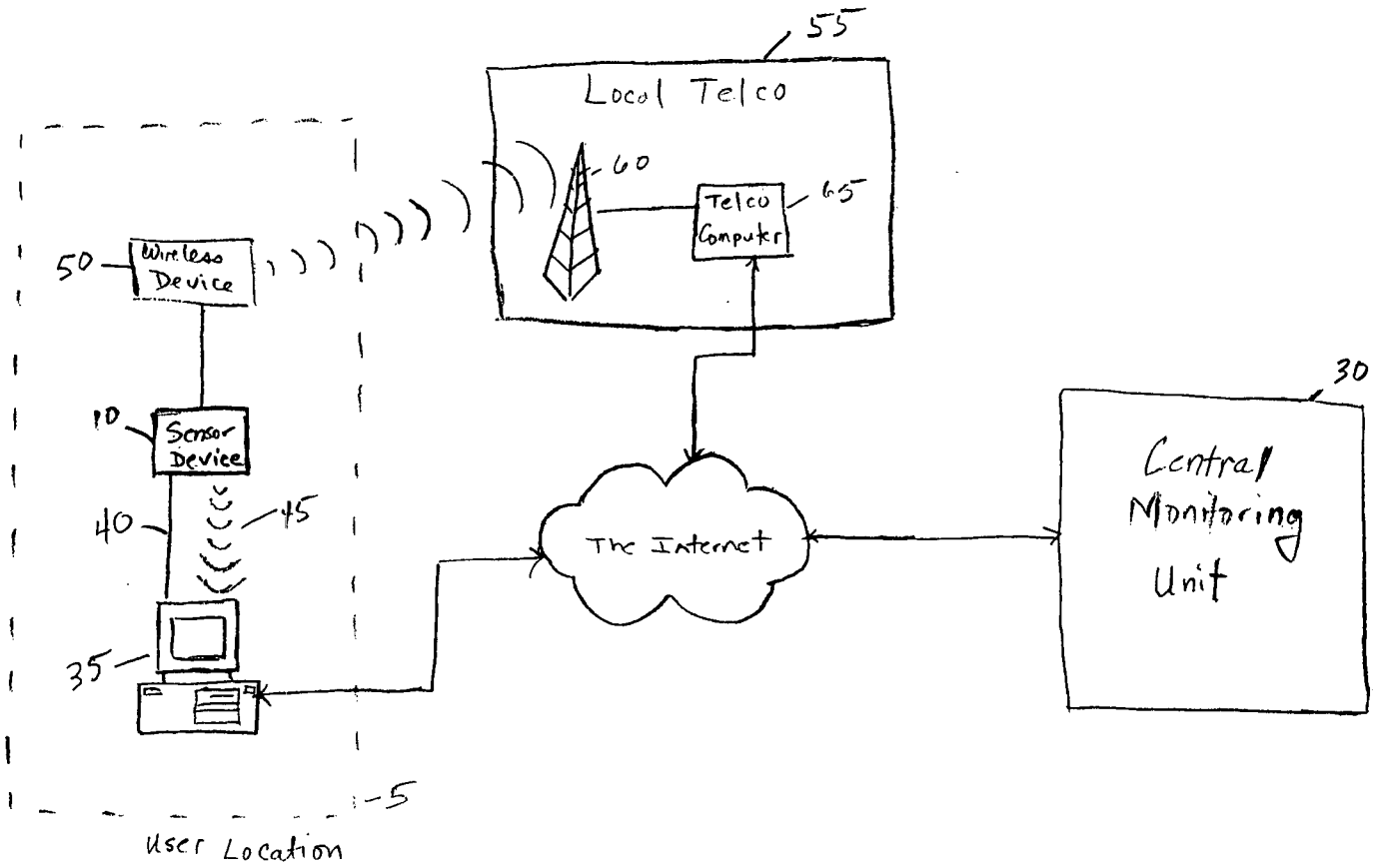
55
Local Telco
60
Telco Computer
65
50
Wireless Device
10
Sensor Device
40
45
35
5
User Location
The Internet
30
Central Monitoring Unit

Fig. 1

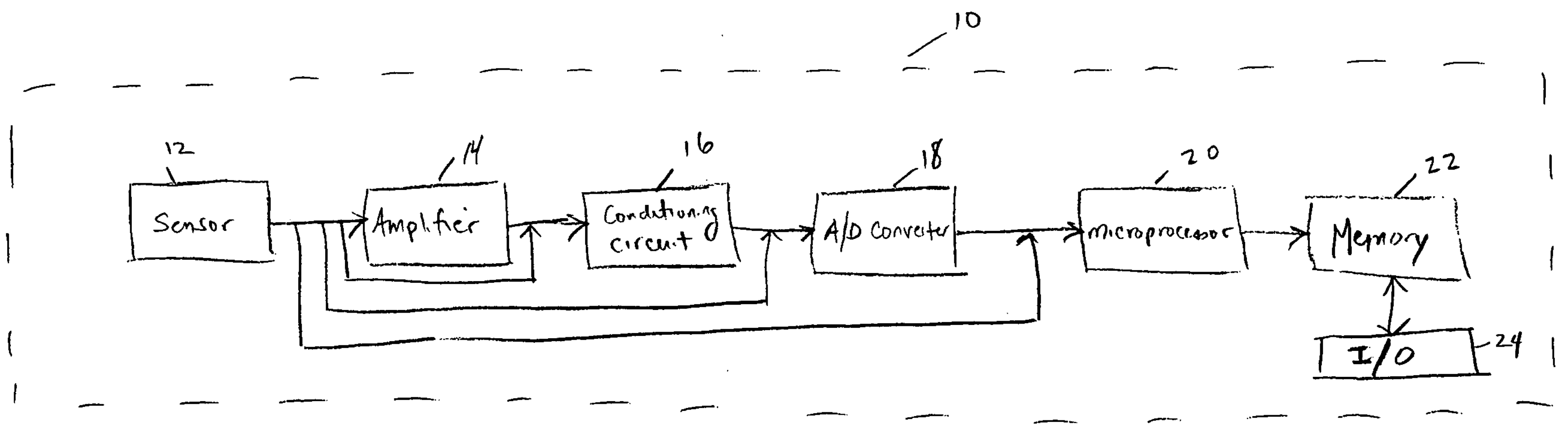
10
12
Sensor
14
Amplifier
16
Conditioning circuit
18
A/D Converter
20
microprocessor
22
Memory
I/O
24

Fig. 2

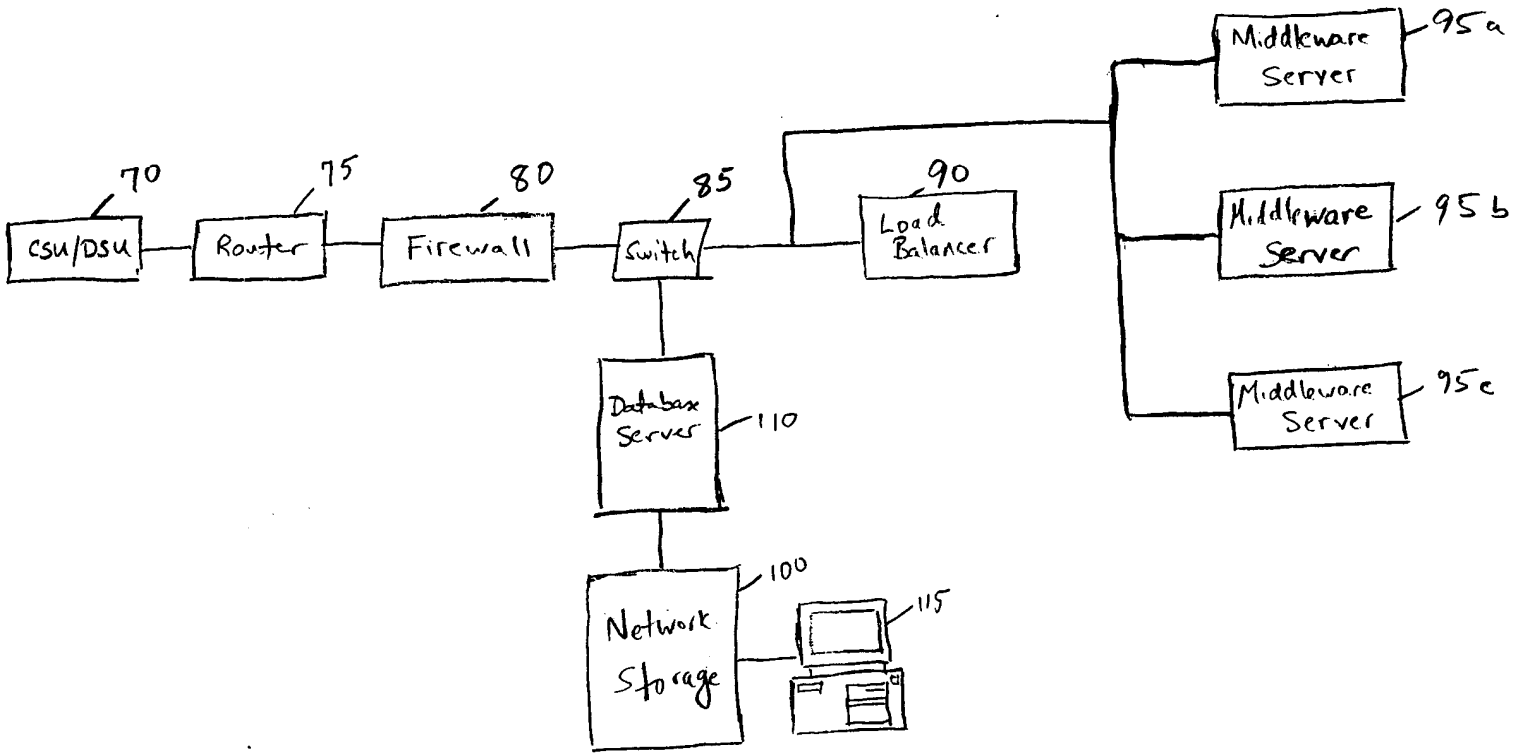
Middleware Server
95a
70
75
80
85
90
CSU/DSU
Router
Firewall
Switch
Load Balancer
Middleware Server
95b
Database Server
110
Middleware Server
95c
100
Network Storage
115

Fig. 3

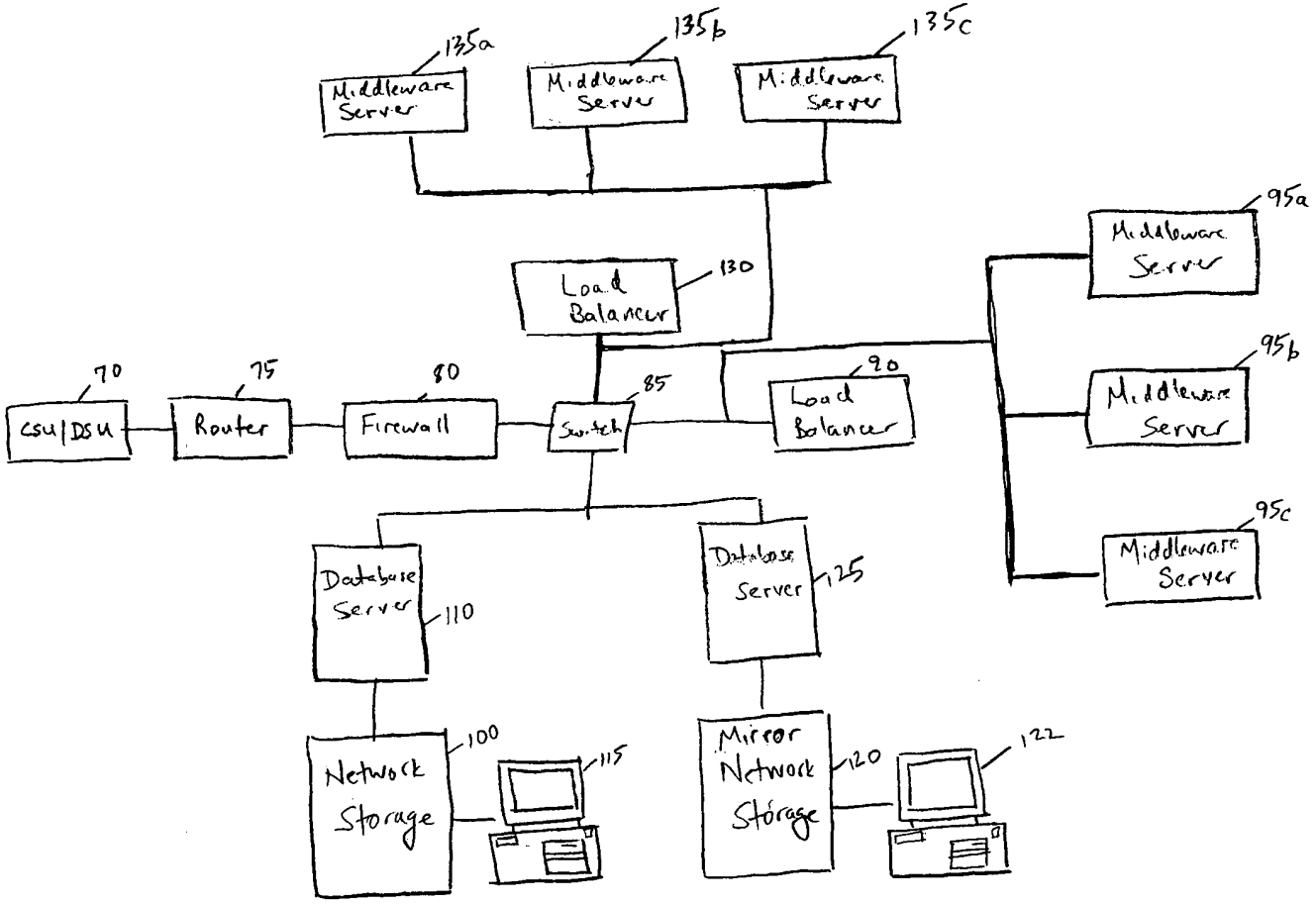
135a
Middleware Server
135b
Middleware Server
135c
Middleware Server
95a
Middleware Server
Load Balancer
130
95b
Middleware Server
70
CSU/DSU
75
Router
80
Firewall
85
Switch
90
Load Balancer
95c
Middleware Server
Database Server
110
Database Server
125
100
Network Storage
115
Mirror Network Storage
120
122

Fig 4

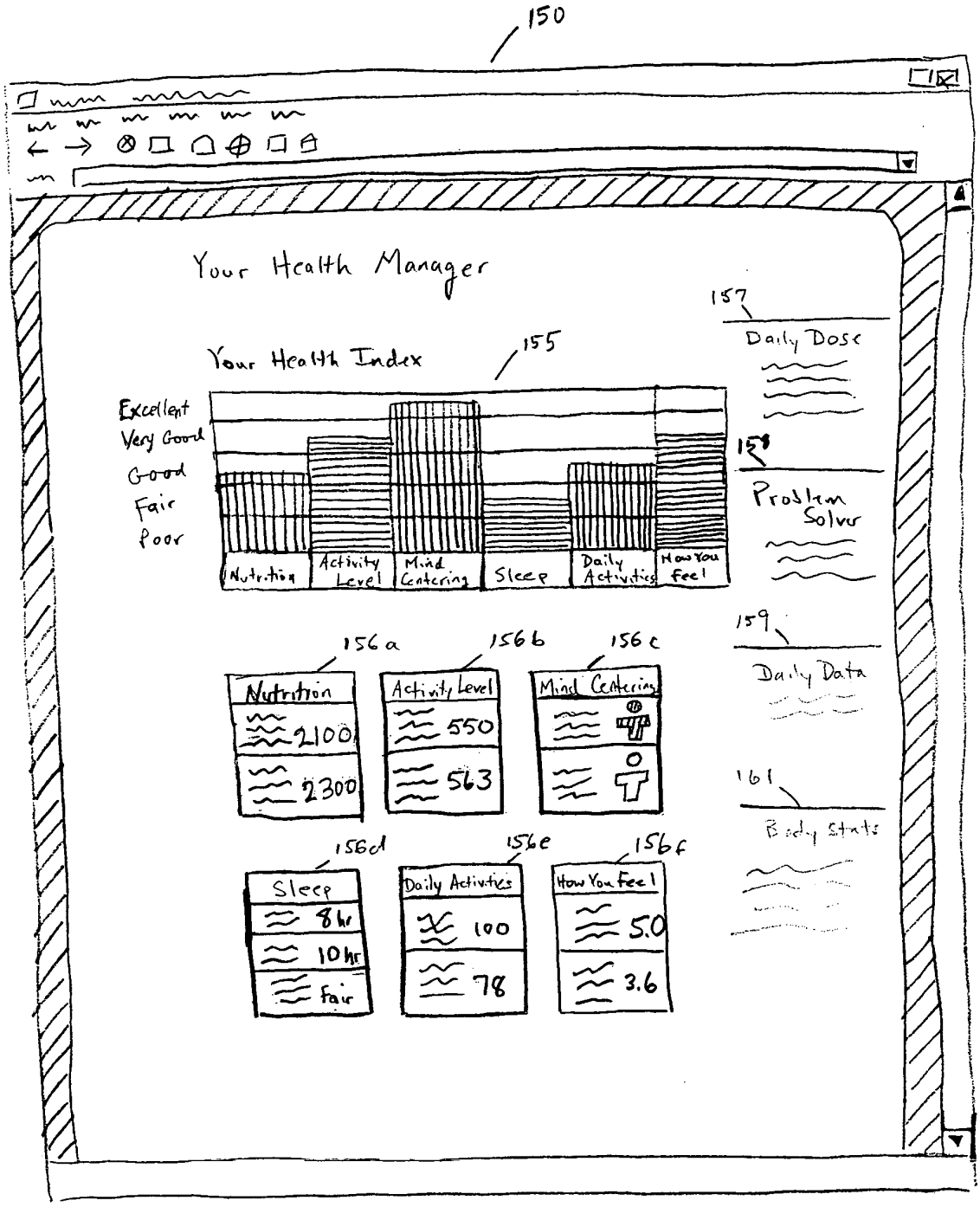
150
Your Health Manager
157
Daily Dose
Your Health Index
155
Excellent
Very Good
Good
Fair
Poor
Nutrition
Activity Level
Mind Centering
Sleep
Daily Activities
How You Feel
Problem Solver
156a
156b
156c
Nutrition
2100
2300
Activity Level
550
563
Mind Centering
159
Daily Data
161
Body Stats
156d
156e
156f
Sleep
8 hr
10 hr
Fair
Daily Activities
100
78
How You Feel
5.0
3.6

Fig. 5

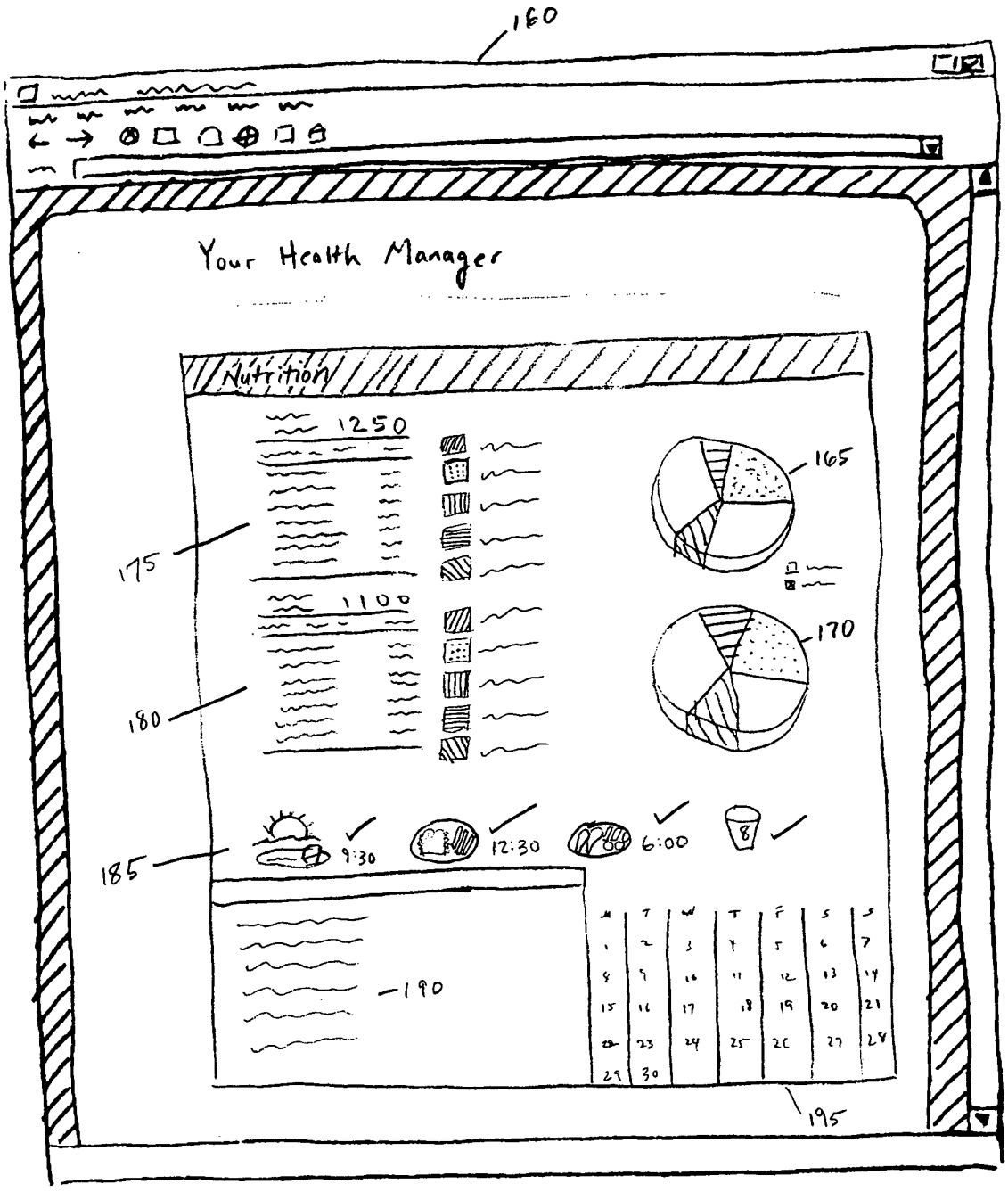
160
Your Health Manager
Nutrition
1250
1100
175
180
165
170
185
9:30
12:30
6:00
190
195

Fig. 6

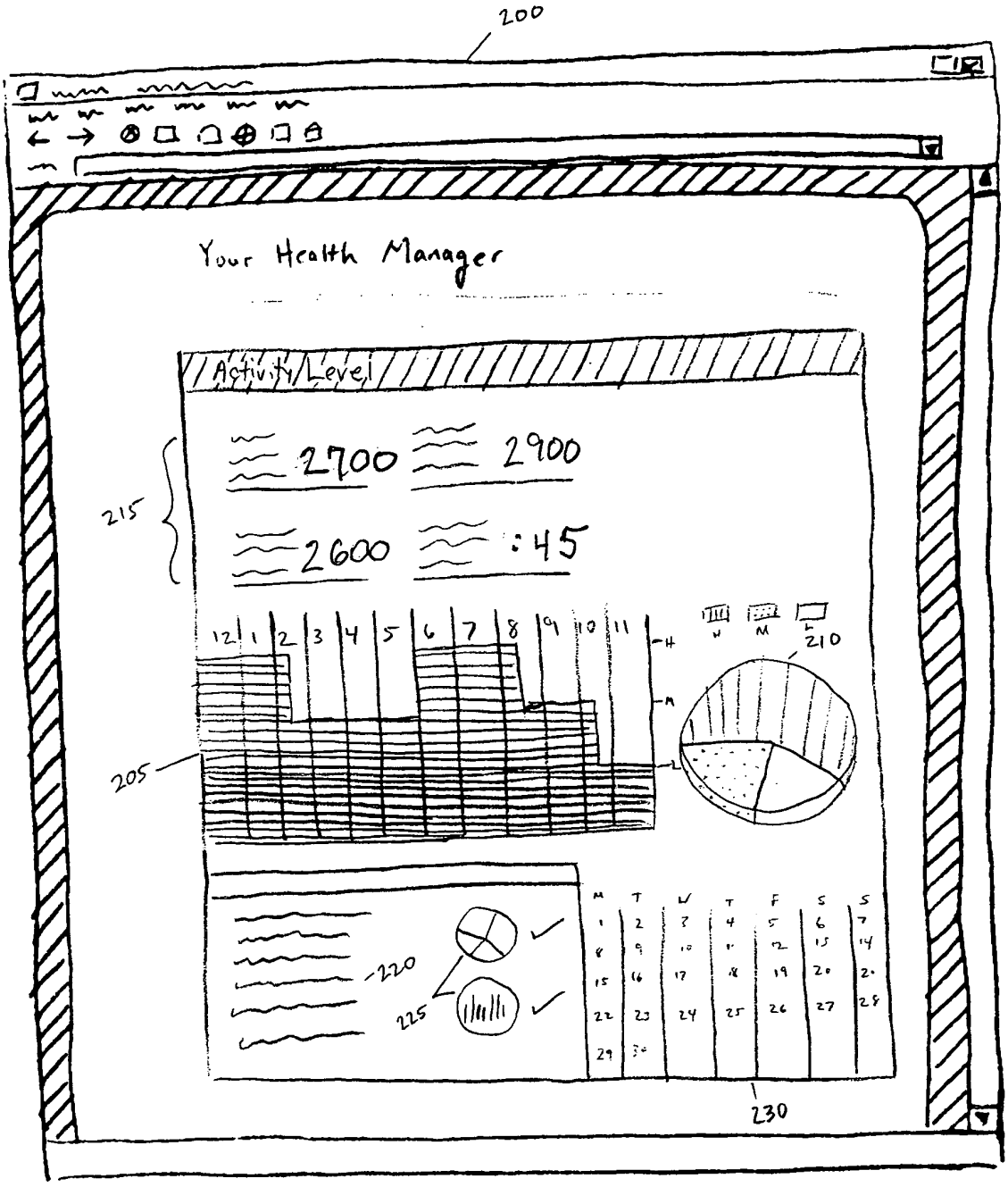
200
Your Health Manager
Activity Level
2700
2900
2600
:45
215
205
210
220
225
230

Fig. 7

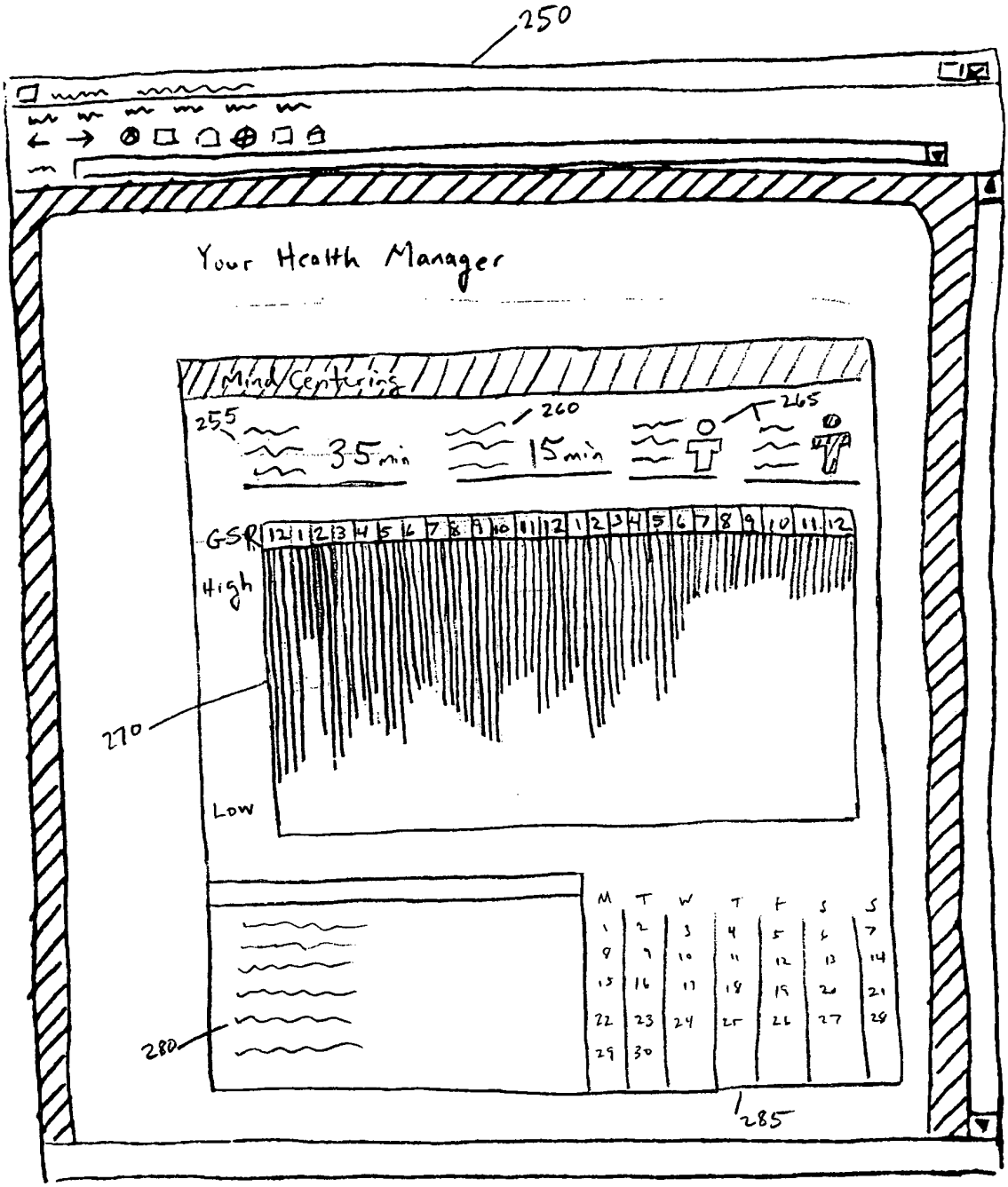
250
Your Health Manager
Mind Centering
255
35 min
260
15 min
265
GSR
12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12
High
Low
270
280
M T W T F S S
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30
285

Fig. 8

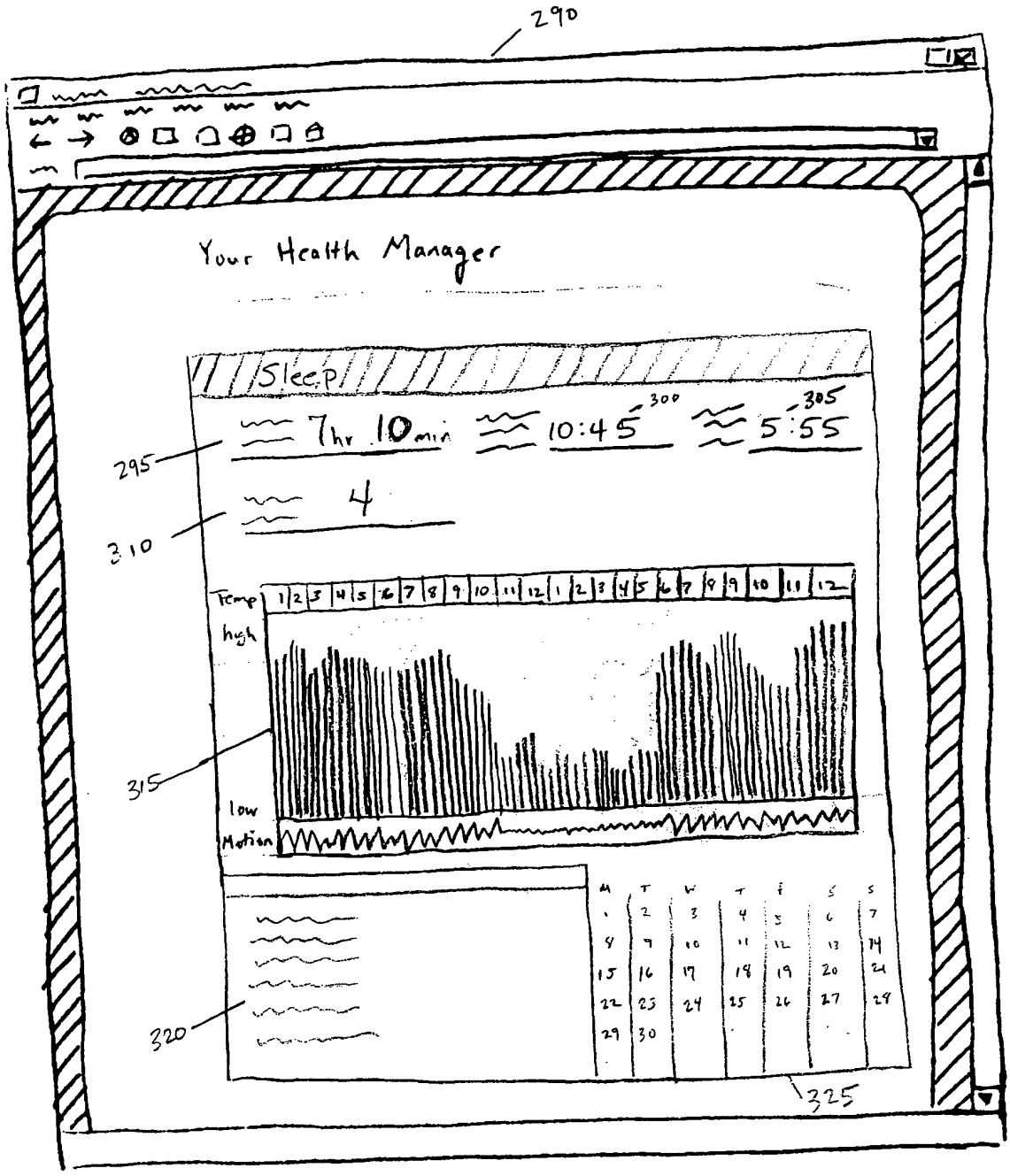
290
Your Health Manager
Sleep
7hr 10min
10:45
300
5:55
305
295
4
310
Temp
high
low
Motion
315
320
325

Fig. 9

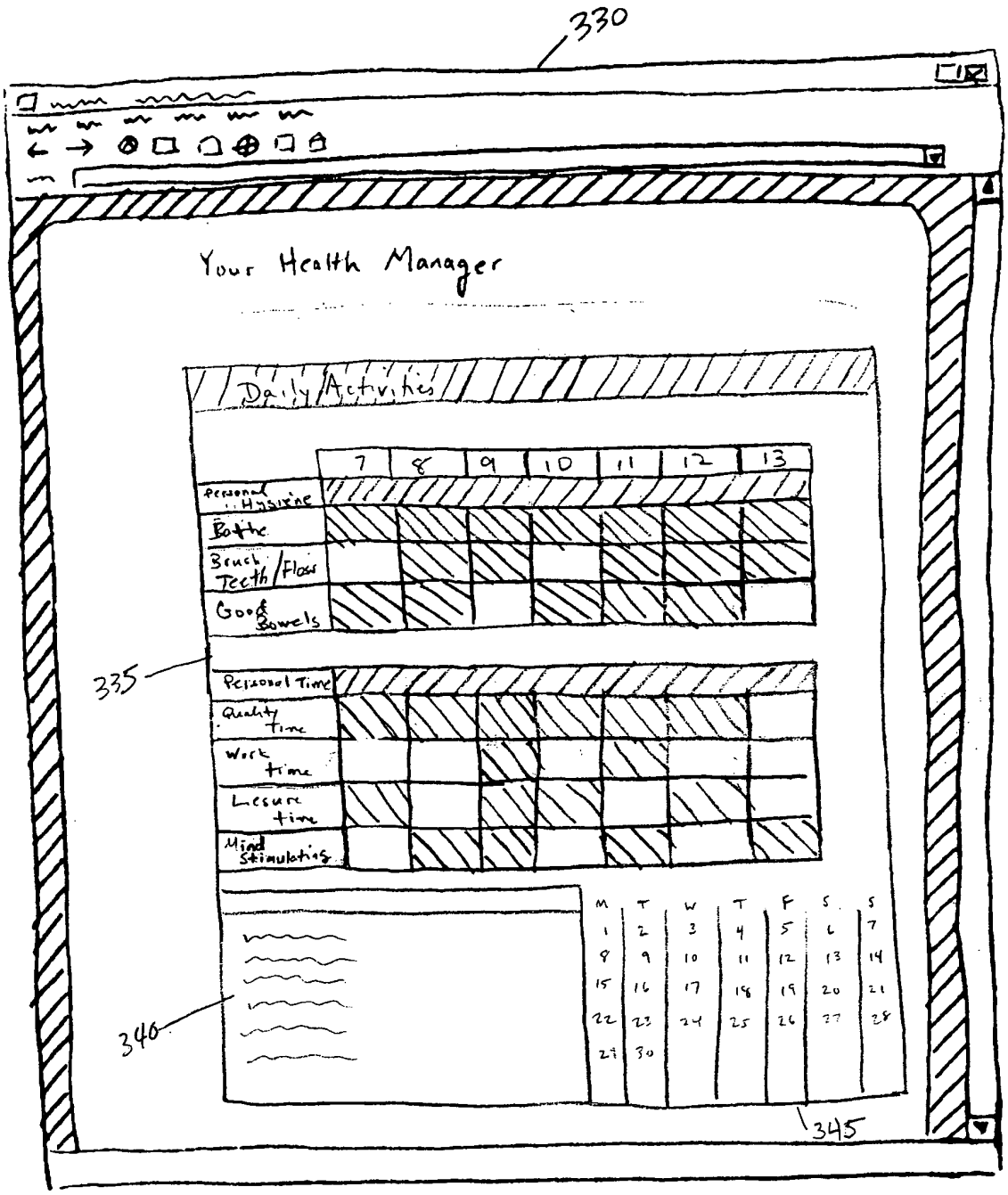
330
Your Health Manager
Daily Activities
7
8
9
10
11
12
13
Personal Hygiene
Bathe
Brush Teeth/Floss
Goo & Bowels
335
Personal Time
Quality Time
Work time
Leisure time
Mind Stimulation
340
M T W T F S S
345

Fig. 10

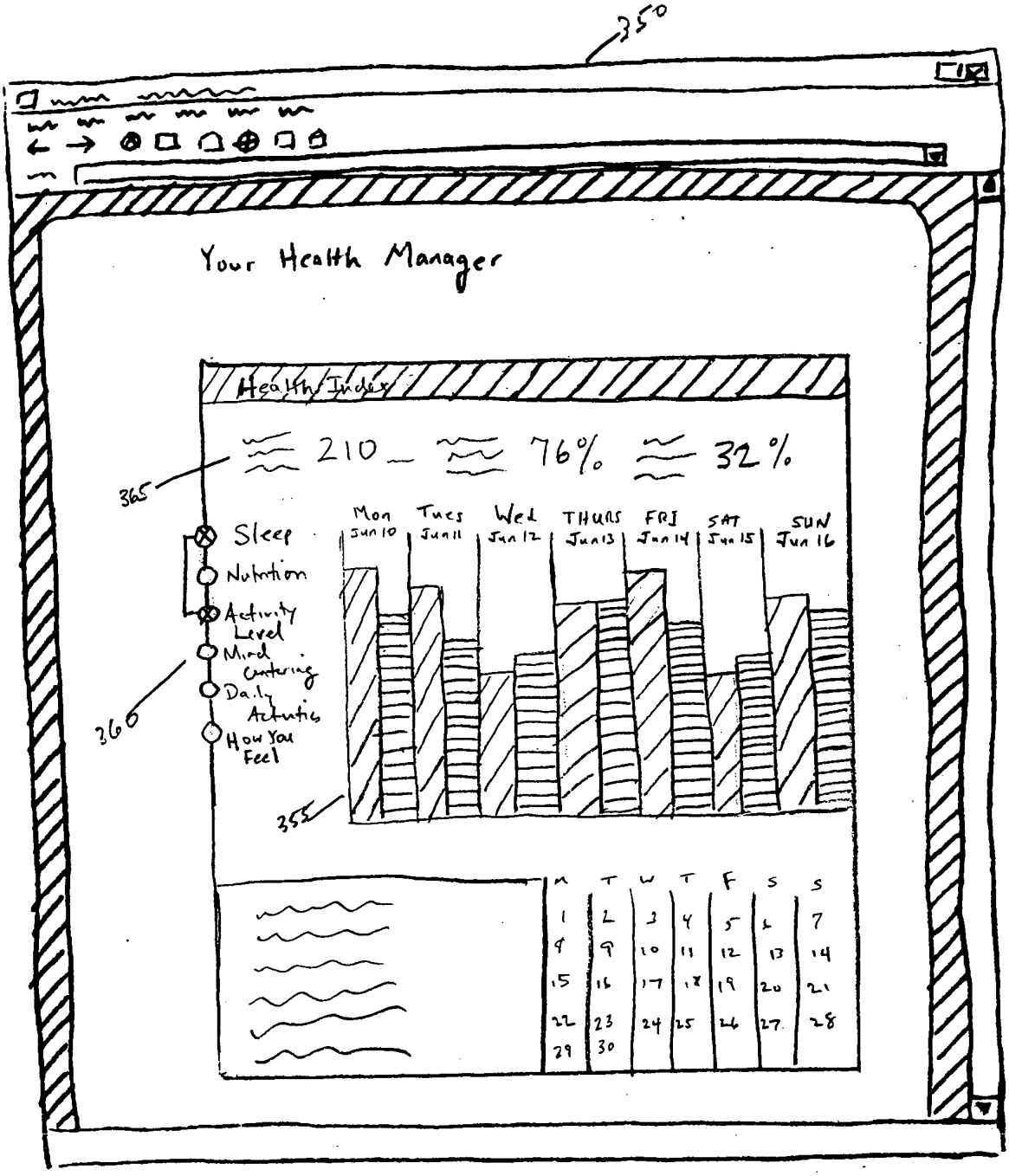
350
Your Health Manager
Health Index
210
76%
32%
365
Sleep
Nutrition
Activity Level
Mind Centering
Daily Activities
How You Feel
360
Mon Jun 10
Tues Jun 11
Wed Jun 12
THURS Jun 13
FRI Jun 14
SAT Jun 15
SUN Jun 16
355
M T W T F S S
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30

Fig. 11

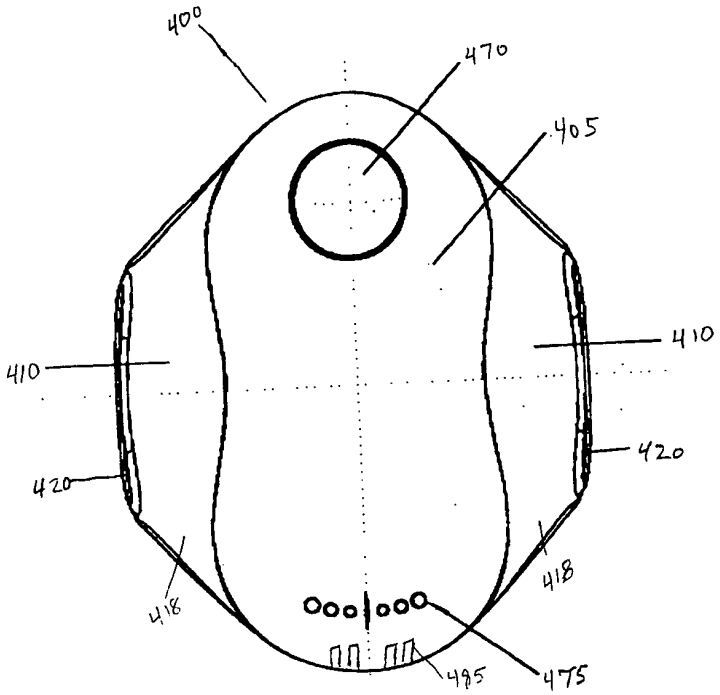
400
470
405
410
410
420
420
418
418
495
475

Fig. 12

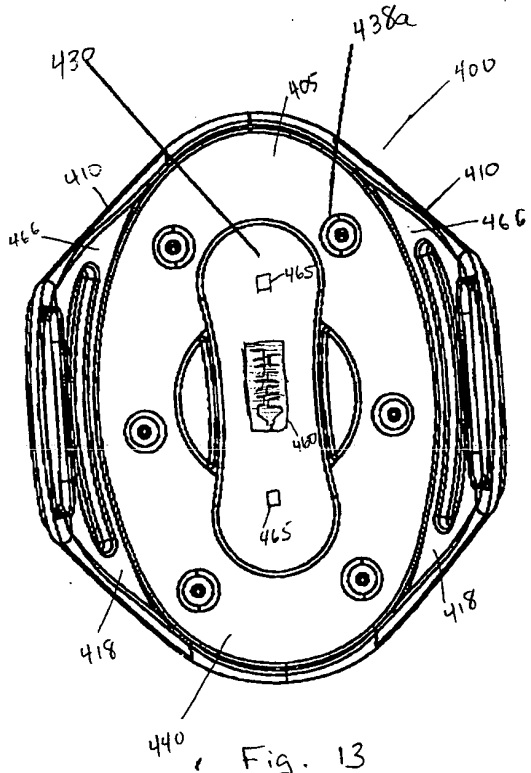
438a
439
405
400
410
410
466
466
465
460
465
418
418
440

Fig. 13

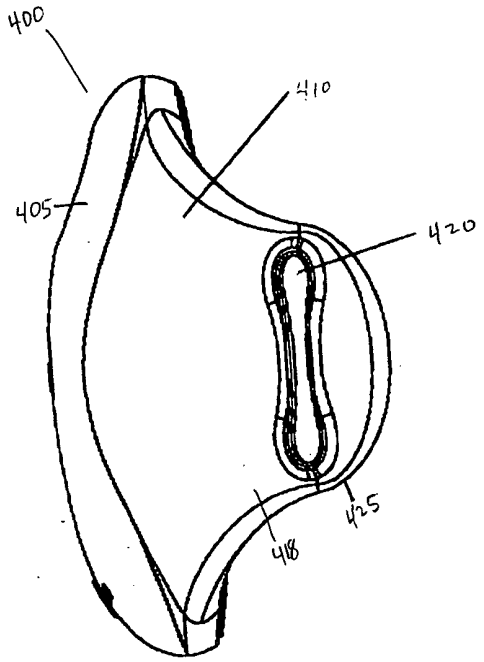
400
410
405
420
425
418

Fig. 14

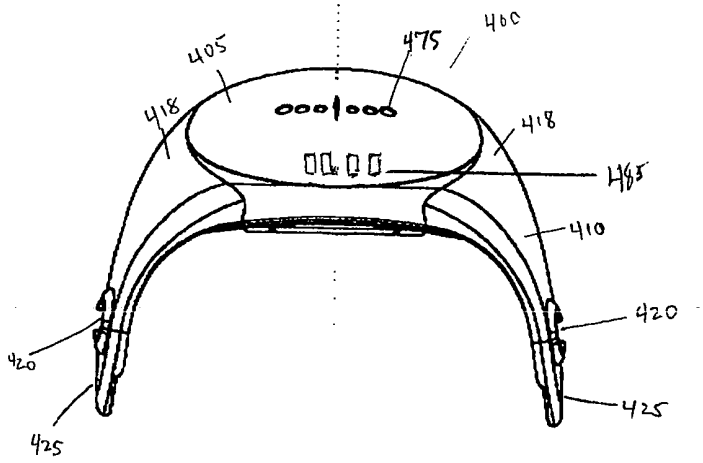
405
475
400
418
418
485
410
420
420
425
425

Fig. 15

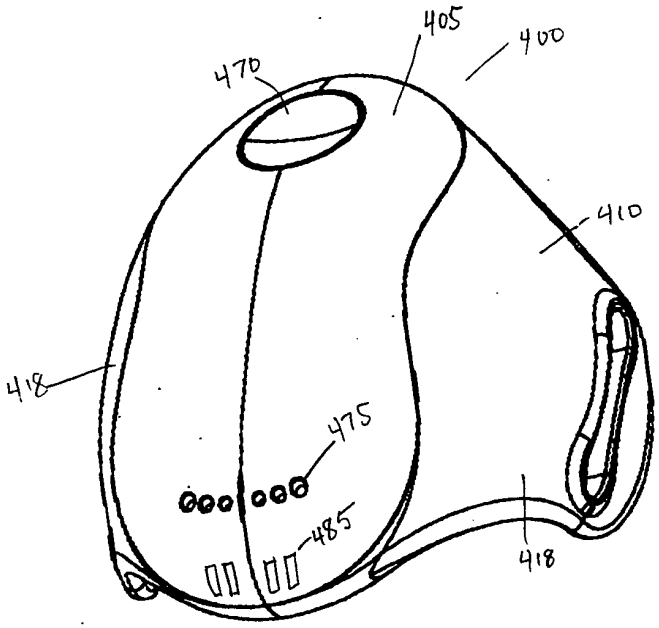

Fig. 16

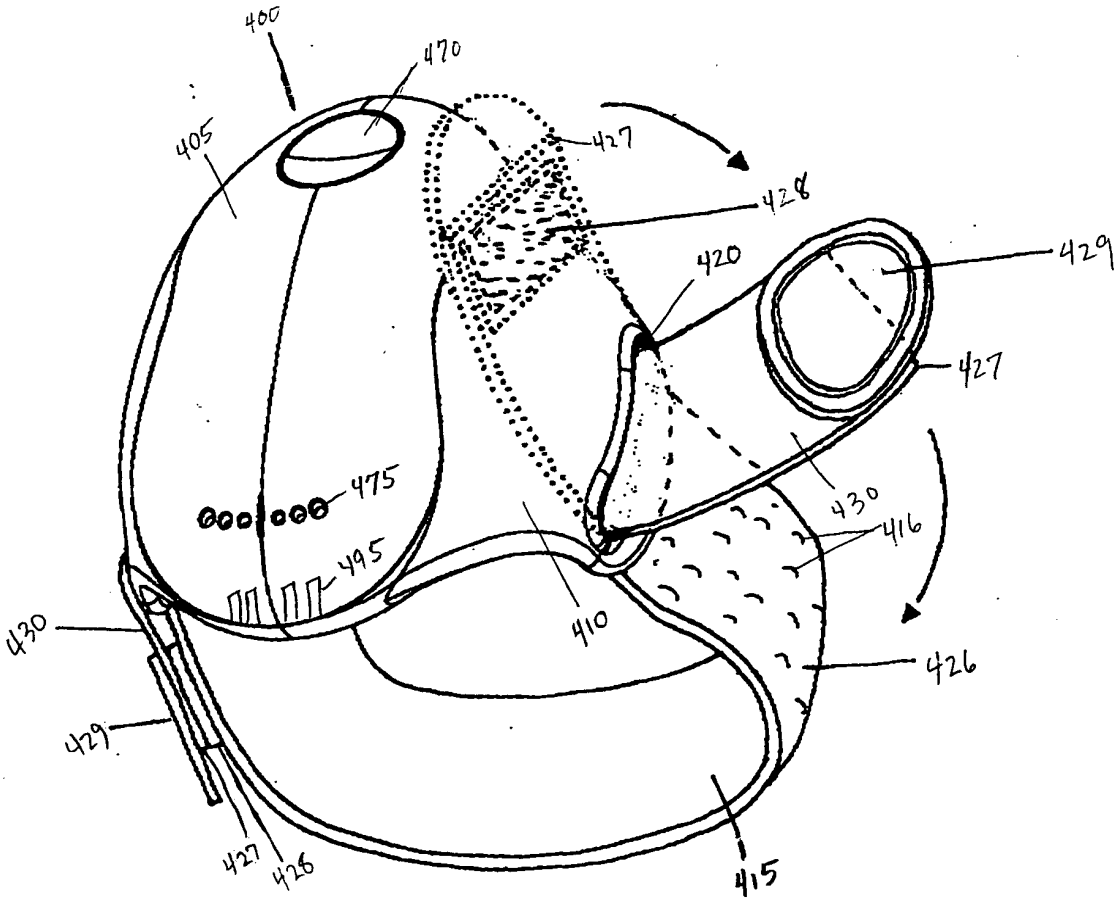
400
470
405
427
428
429
420
427
475
495
430
416
410
430
426
429
427
426
415

Fig. 17

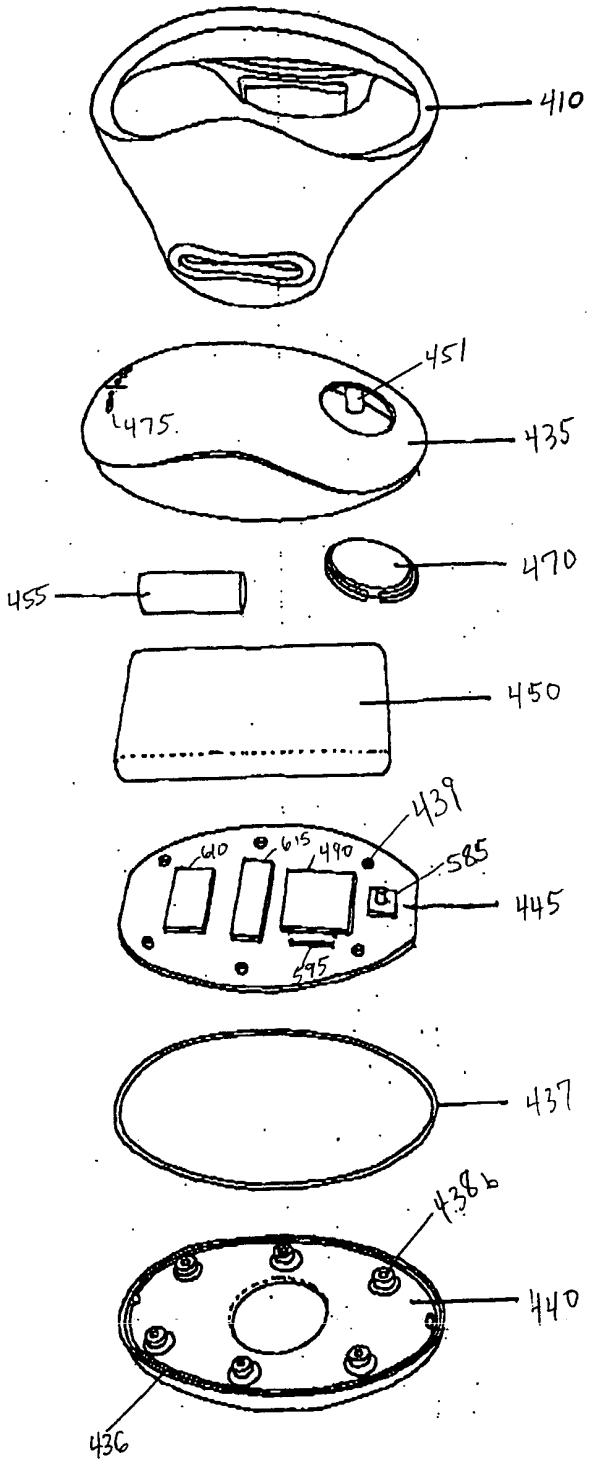

Fig. 18

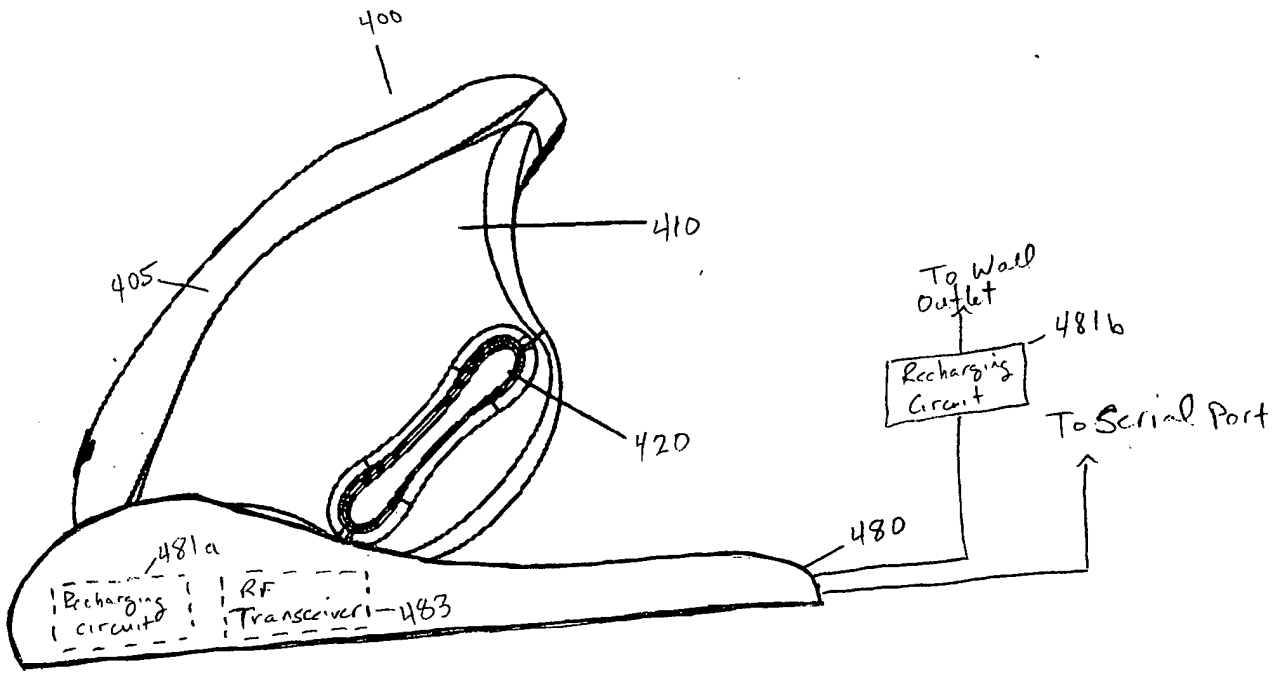

Fig. 19

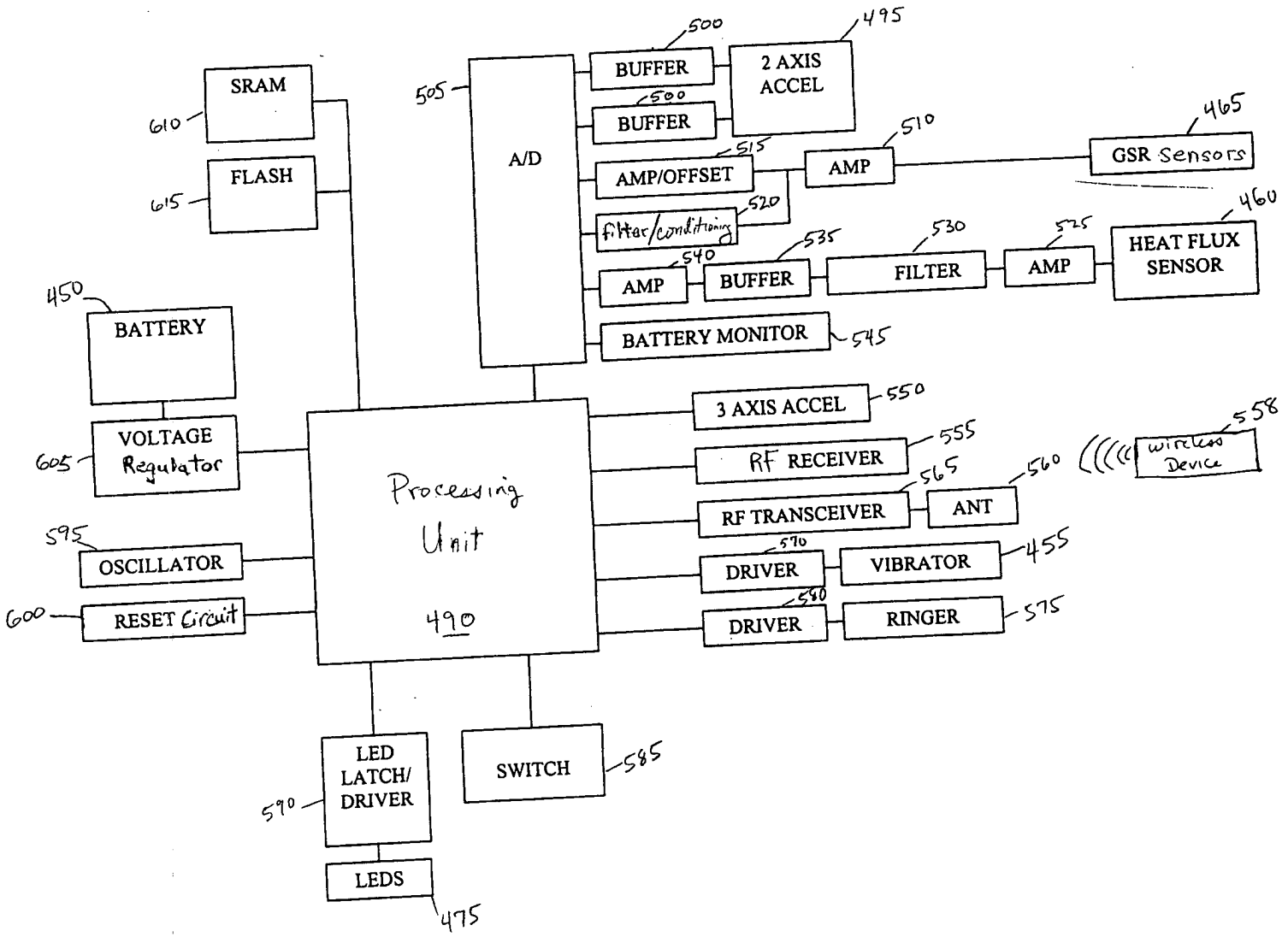
SRAM
610
FLASH
615
BATTERY
450
VOLTAGE Regulator
605
OSCILLATOR
595
RESET Circuit
600
Processing Unit
490
A/D
505
BUFFER
500
BUFFER
500
2 AXIS ACCEL
495
AMP/OFFSET
515
AMP
510
GSR Sensors
465
filter/conditioning
520
AMP
540
BUFFER
535
FILTER
530
AMP
525
HEAT FLUX SENSOR
460
BATTERY MONITOR
545
3 AXIS ACCEL
550
RF RECEIVER
555
RF TRANSCEIVER
565
ANT
560
wireless Device
558
DRIVER
570
VIBRATOR
455
DRIVER
580
RINGER
575
LED LATCH/ DRIVER
590
LEDS
475
SWITCH
585

Fig. 20

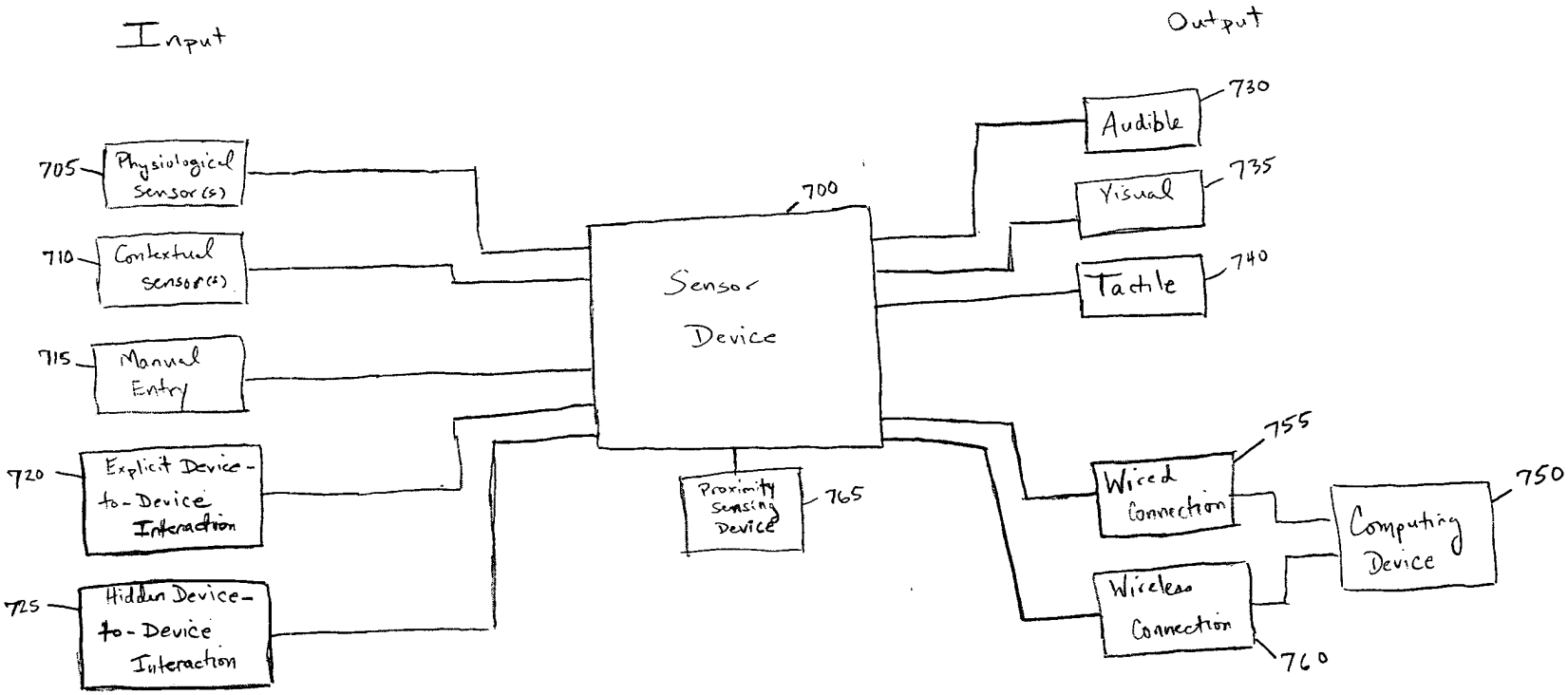
Input
Output
705
Physiological Sensor(s)
710
Contextual sensor(s)
715
Manual Entry
720
Explicit Device-to-Device Interaction
725
Hidden Device-to-Device Interaction
700
Sensor Device
765
Proximity Sensing Device
730
Audible
735
Visual
740
Tactile
755
Wired Connection
760
Wireless Connection
750
Computing Device

Fig 21